

**DECLARATION FOR
UTILITY PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **SYSTEMS AND METHODS FOR DETECTING MANUFACTURING DEFECTS IN MICROFLUIDIC DEVICES**

(Check One) ☒ is attached hereto OR
☐ was filed on _____ as United States Application Serial No. _____
or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Date of Filing | Priority Claimed | |
|--|---------|----------------|------------------|----|
| | | | Yes | No |
| | | | | |

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date |
|-----------------------|----------------|
| 60/454,968 | March 14, 2003 |

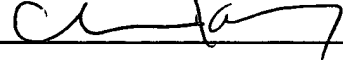
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

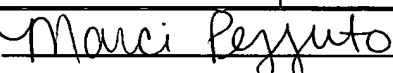
| U.S. Parent Application Number | PCT Parent Number | Parent Filing Date | Status-Patented, Pending or Abandoned |
|-----------------------------------|-------------------|--------------------|---|
| | | | |

Please direct all inquiries to Vincent K. Gustafson, at the Customer Number listed below:

USPTO Customer No.: 32763

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | | | | | |
|----------------------|-------------------------|---|--|------------------------|-------------------------------|
| 201 | FULL NAME OF INVENTOR | FIRST Name Christoph | MIDDLE Initial D. | LAST Name Karp | |
| | RESIDENCE & CITIZENSHIP | City Pasadena | State or Foreign Country California | | Country of Citizenship USA |
| | POST OFFICE ADDRESS | 335 South Grand Oaks Avenue | City Pasadena | State or Country CA | Zip Code 91107 |
| INVENTOR'S SIGNATURE | |  | | DATE 3/9/04 | |

| | | | | | |
|----------------------|-------------------------|---|--|------------------------|-------------------------------|
| 202 | FULL NAME OF INVENTOR | FIRST Name Marci | MIDDLE Initial | LAST Name Pezzuto | |
| | RESIDENCE & CITIZENSHIP | City Altadena | State or Foreign Country California | | Country of Citizenship USA |
| | POST OFFICE ADDRESS | 491 Athens Street | City Altadena | State or Country CA | Zip Code 91001 |
| INVENTOR'S SIGNATURE | |  | | DATE 3/9/04 | |

| | | | | | |
|----------------------|-------------------------|------------|--------------------------|------------------|------------------------|
| 203 | FULL NAME OF INVENTOR | FIRST Name | MIDDLE Initial | LAST Name | |
| | RESIDENCE & CITIZENSHIP | City | State or Foreign Country | | Country of Citizenship |
| | POST OFFICE ADDRESS | | City | State or Country | Zip Code |
| INVENTOR'S SIGNATURE | | | | DATE | |

| | | | | | |
|----------------------|-------------------------|------------|--------------------------|------------------|------------------------|
| 204 | FULL NAME OF INVENTOR | FIRST Name | MIDDLE Initial | LAST Name | |
| | RESIDENCE & CITIZENSHIP | City | State or Foreign Country | | Country of Citizenship |
| | POST OFFICE ADDRESS | | City | State or Country | Zip Code |
| INVENTOR'S SIGNATURE | | | | DATE | |

REVOCATION AND POWER OF ATTORNEY
By Assignee

NANOSTREAM, INC., assignee(s) of the application for United States Letters Patent for an invention entitled **SYSTEMS AND METHODS FOR DETECTING MANUFACTURING DEFECTS IN MICROFLUIDIC DEVICES** by Christoph D. Karp and Marci Pezzuto.

the specification of which:

☒ is filed herewith, OR
☐ was filed on _____, having U.S. Patent Application Serial No. _____,

do hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application, if any, and hereby appoints all of the registered practitioners at Customer Number 32763 (including without limitation, Vincent K. Gustafson, Reg. No. 46,182 and Michael F. Labbee, Reg. No. 39,738, both of Nanostream, Inc., 580 Sierra Madre Villa Avenue, Pasadena, CA 91107-2928), and the additional practitioner Gerald M. Kraai, Reg. No. 34,854, of Shughart Thomson & Kilroy, P.C., Twelve Wyandotte Plaza, 120 W. 12th Street, Kansas City, Missouri 64105, as my/our attorney(s) or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application.


Please send all inquiries to Vincent K. Gustafson, at the Customer Number noted below.

USPTO Customer No.: 32763

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

☒ is filed for recordation herewith; or
☐ was recorded at Reel _____, Frame _____; or
☐ has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

| | |
|--|------------------|
| Full Name of Assignee: Nanostream Inc. | |
| Post Office Address: 580 Sierra Madre Villa Avenue, Pasadena, CA 91107-2928 | |
| Signature of Declarant or Assignee:  | Date: 3/10/04 |
| Full Name of Declarant If Other Than Assignee: Michael F. Labbee | |
| Title of Declarant: Intellectual Property Counsel, Nanostream, Inc. | |
| Address of Declarant: 580 Sierra Madre Villa Avenue, Pasadena, CA 91107-2928 | |

**RESOLUTIONS OF
THE BOARD OF DIRECTORS OF
NANOSTREAM INCORPORATED
REGARDING DELEGATION OF SIGNATURE AUTHORITY**

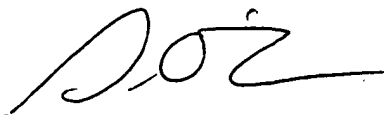
At a meeting of the Board of Directors of Nanostream Incorporated (the "**Corporation**") held on February 11, 2003, the Board of Directors of the Corporation adopted the following recitals and resolutions:

WHEREAS, the Board of Directors of the Corporation deems it advisable to delegate certain authority as specified below (the "Delegated Authority") to specified officers and employees of the Corporation as identified below (the "Authorized Officers").

NOW, THEREFORE, BE IT RESOLVED, that each of the Authorized Officers of the Corporation is hereby authorized and directed, for and in the name of and on behalf of the Corporation, to exercise their respective Delegated Authority, as follows:

| Authorized Officer | Delegated Authority |
|-------------------------------|---|
| Intellectual Property Counsel | Execute, deliver and/or file any and all certificates, instruments, powers of attorney, and documents (not including bank drafts or other instruments transferring or otherwise disposing of funds of the Corporation, but including the authority to debit Nanostream's Deposit Account with the United States Patent and Trademark Office) and to take such other action as the Intellectual Property Counsel determines to be necessary or desirable to carry out the purposes of registering, applying for or otherwise securing the intellectual property assets of the Corporation, without requiring further authority from or approval by the Board of Directors of the Corporation, and the necessity or desirability thereof shall be conclusively evidenced by the execution, delivery and/or filing of such certificates, instruments and documents or the taking of such other action. |

RESOLVED FURTHER, that any action taken by any of the officers or directors of the Corporation prior to the adoption of these resolutions that is within the authority conferred herein be, and it hereby is, ratified, confirmed and approved.



2-11-03

Stephen O'Connor

CEO Nanostream